

ASAMM-Chukchi – Flight 212 – 22 July 2016

Area flown: Transect 10, complete; transect 12, partial.

Total hours flown: 3.5

Total transect hours: 1.2

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were clear. Sea state ranged from Beaufort 1-5. Visibility was unlimited, with glare. Sea ice ranged from 0 to 60 percent broken floe ice in the area surveyed. Low ceilings descending on Barrow (the aircraft base) prevented complete coverage of transect 12.

Sightings: Gray whales (including 18 calves), walrus, and small unidentified pinnipeds.

Preliminary Summary, Flight 212 Date: 7/22/2016

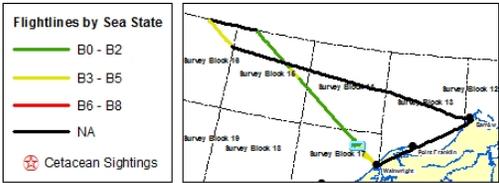
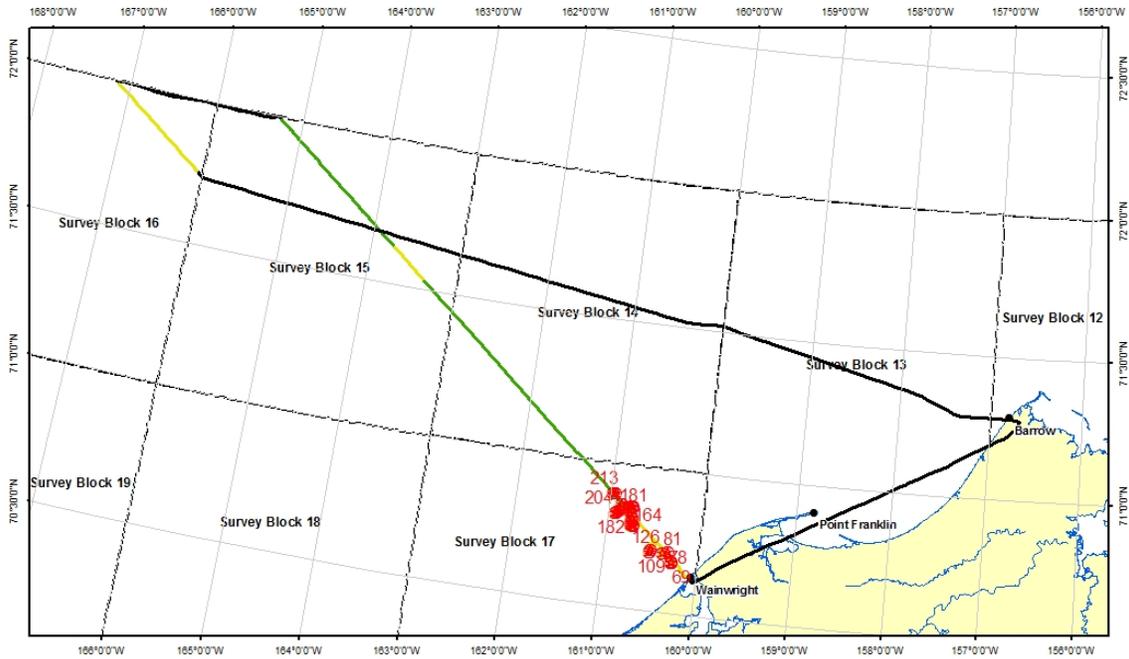
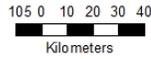
Total bowhead whales: 0	Start time: 7/22/2016 9:09:22 AM	End time: 7/22/2016 12:36:39 PM
Bowhead whale sightings: 0	Transect minutes: 70	Transect km:278.3
Bowhead whales on transect: 0	Circling minutes: 44	Circling km: 131.2
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 114	Trans+Circ km: 409.5
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 1	Search km: 0.6
Bowhead whale repeats: 0	Total minutes: 207	Total km: 957.8
Possible repeats: 0	Deadhead minutes: 92	Deadhead km: 547.7
Total gray whales: 70	Search blocks: 15, 16	
Total belugas: 0	Transect blocks: 17, 14, 15, 16	
Other whale sightings: 0		
Walrus: Yes		
Total polar bears: 0		

Cetacean Sightings:

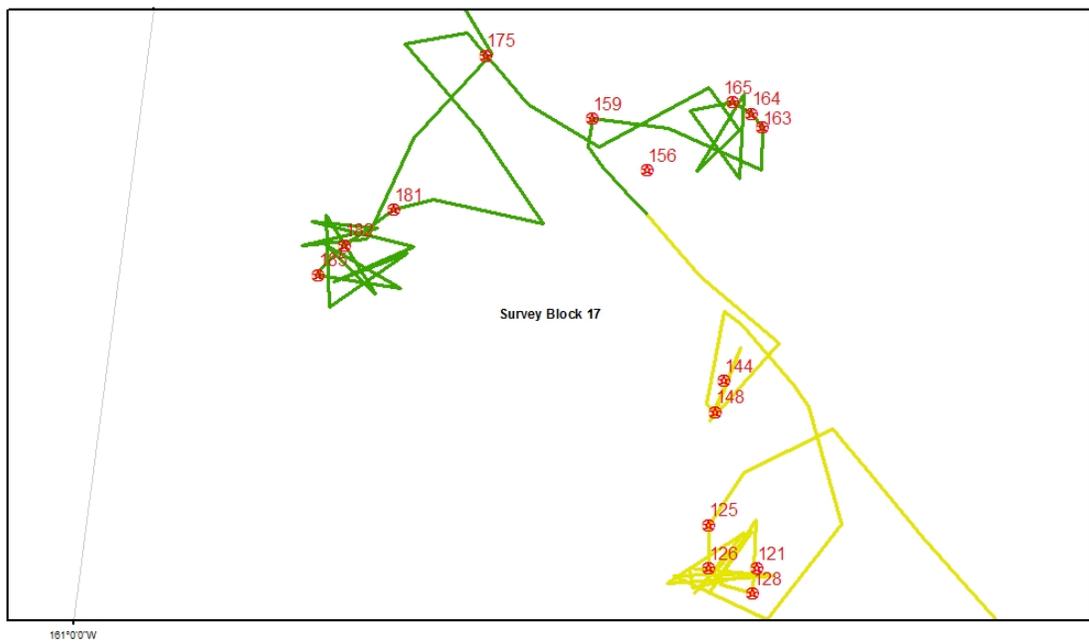
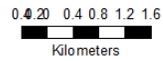
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
69	70.69	-160.25	17	gray whale	1	0	feed	-1	True
71	70.69	-160.25	17	gray whale	1	0	rest	-1	True
78	70.71	-160.33	17	gray whale	1	0	feed	-1	True
81	70.72	-160.35	17	gray whale	14	5	feed	-1	True
101	70.74	-160.43	17	gray whale	3	1	mill	-1	True
109	70.71	-160.51	17	gray whale	1	0	feed	-1	False
121	70.81	-160.68	17	gray whale	4	2	mill	-1	True
125	70.8	-160.74	17	gray whale	1	0	swim	-1	False
126	70.79	-160.74	17	gray whale	2	0	feed	-1	False
128	70.79	-160.72	17	gray whale	1	0	swim	-1	False
144	70.82	-160.73	17	gray whale	2	1	mill	-1	True
148	70.82	-160.74	17	gray whale	1	0	feed	-1	False
156	70.84	-160.79	17	gray whale	2	1	feed	-1	True
159	70.85	-160.81	17	gray whale	3	1	feed	-1	False
163	70.85	-160.74	17	gray whale	1	0	feed	-1	False
164	70.86	-160.74	17	gray whale	1	0	feed	-1	False
165	70.86	-160.75	17	gray whale	1	0	feed	-1	False
175	70.86	-160.86	17	gray whale	5	2	feed	-1	True
181	70.84	-160.89	17	gray whale	2	0	feed	-1	False
182	70.83	-160.91	17	gray whale	13	4	feed	-1	False
185	70.83	-160.92	17	gray whale	4	0	feed	-1	False
204	70.89	-160.96	17	gray whale	4	1	feed	-1	True
213	70.9	-160.98	17	gray whale	2	0	feed	-1	False

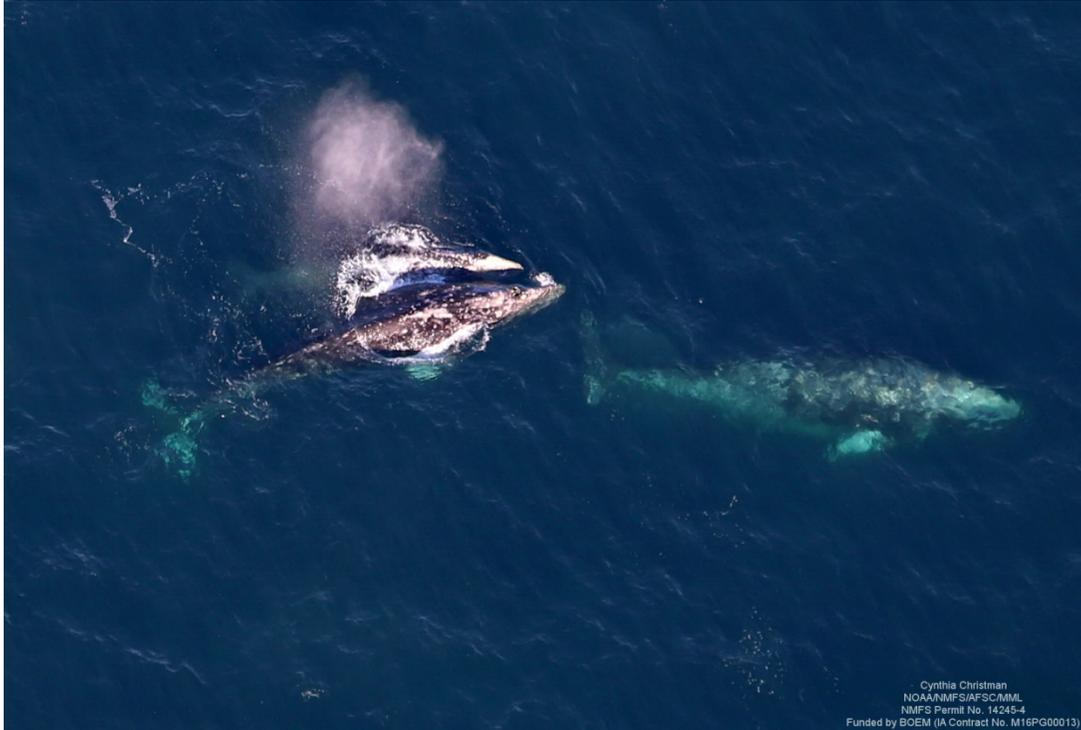


NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 212, 7/22/2016 9:06:52 AM



NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 212, High Density Cluster 1, 7/22/2016 9:06:52 AM





Two gray whale cow-calf pairs sighted approximately 10 km northwest of Wainwright, Alaska (Event 81), ASAMM-Chukchi Flight 212, 22 July 2016.



Gray whale calf (cow was nearby but not in photo) sighted approximately 10 km northwest of Wainwright, Alaska (Event 81), ASAMM-Chukchi Flight 212, 22 July 2016.



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Gray whale mud plumes amongst broken floe sea ice, approximately 35 km northwest of Wainwright, Alaska (Event 182), ASAMM-Chukchi Flight 212, 22 July 2016.